



**Special Flood Hazard Area Zone:** This project is for the demolition of one residential structure and one flood pump station located in flood zone AE (1% annual chance floodplain). Confirmation of location in an SFHA was made by reference to the latest Flood Insurance Rate Maps. The proposed work conforms to all applicable State of Kentucky and local floodplain regulations.

**Proposed Work and Purpose:**

MSD is requesting funds for two grant projects. The first grant is for the purchase and demolition of one residential structure. The purpose of this project is to remove a repetitive loss structure from the floodplain.

The second project is the rehabilitation and/or replacement of an existing flood pump station. This flood pump station is part of Louisville's flood protection system, which protects Louisville from Ohio River flooding.

**Project Alternatives for DR4540 Transylvania Beach Project:**

**Alternative #1** (no action alternative): If no action is taken, the property will continue to incur damages related to high intensity storms and flooding. The property is located within the 100-year floodplain and have shown repeated flooding over the past decade, including events that were smaller than 100-year events.

**Alternative #2** An alternative considered for this area was to elevate the structure. For this project, the structure would need to be elevated to 2' above the BFE per local freeboard requirements. Estimated costs are calculated based on elevation height, type of elevation, and square footage of the structure. Based on previous experience with elevating structures in the area, we have estimated the cost for elevating the primary structure to exceed the home's estimated value. In addition, risk would remain for floods greater than the estimated flood heights.

**Project Alternatives for Paddy's Run Flood Pump Station Project:**

**Alternative #1** would rehabilitate the current pump station. The entire building, which is eligible for listing in the National Register of Historic Places as a part of the Historical Flood Protection System of Louisville, would be preserved.

**Alternatives #2 and #5** would expand the existing pump station, eastward or westward or the current pump station, respectively.

**Alternatives #3 and #6** would rehabilitate the existing pump station and build a supplemental structure to the east or west, respectively.

**Alternatives #4 and #7** would abandon or demolish the existing structure and construct an upgraded station either east or west, respectively.

Please note that only **Alternatives #1, #2, and #7** are being advanced for more detailed analysis.

**Comment Period:**

Comments are solicited from the public, government agencies, and other interested parties in order to consider and evaluate the impacts of the proposed projects. Comments, requests for additional information about the proposed actions or a copy of the findings should be emailed to Jennifer Kern with Louisville MSD (Jennifer.Kern@louisvilleMSD.org). All comments are due within 30 days of this notice. MSD will forward comments to applicable regulatory agencies as needed.

**POSTED ON:** (*May 10, 2021*)

**End of Notice**